

AWNING CATALOG INDEX

ITEM NUMBER	PAGE
AA000218.....	11
AA000219.....	11
AA000382.....	10
AA000398.....	1
AA000421.....	10
AA000898.....	1
AA001561.....	1
AA001579.....	1
AA002058.....	9
AA002198.....	12
AA002215.....	10
AA002250.....	10
AA002894.....	8
AA003759.....	8
AA004981.....	5
AA005273.....	5
AA005998.....	1
AA006947.....	5
AA007184.....	12
AA007251.....	1
AA007350.....	2
AA007351.....	2
AA007743.....	8
AA008097.....	4
AA008105.....	12
AA008107.....	12
AA008108.....	12
AA008109.....	12
AA008116.....	12
AA008118.....	12
AA008123.....	6
AA008148.....	5
AA008156.....	9
AA008168.....	9
AA008170.....	12
AA008243.....	12
AA008261.....	12
AA008575.....	6
AA008771.....	4
AA008785.....	7
AA008969.....	6
AA009215.....	5
AA009349.....	9
AA009748.....	2
AA010039.....	2
AA010292.....	5
AA010363.....	1
AA011154.....	5
AA011177.....	11

AWNING CATALOG

INDEX

continued

ITEM NUMBER	PAGE
AA011701.....	11
AA013080.....	3
AA013109.....	9
AA013534.....	11
AA013748.....	7
AA013803.....	3
AA013804.....	3
AA014429.....	12
AA014879.....	4
AA014880.....	5
AA015079.....	6
AA015095.....	7
AA015549.....	4
AA015550.....	9
AA015551.....	3
AA015552.....	3
AA015553.....	4
AA015554.....	4
AA015555.....	3
AA015771.....	5
AA016135.....	7
AA016136.....	6
AA016689.....	11
AA016908.....	5
AA018145.....	9
AA018152.....	3
AA018450.....	8
AA019912.....	8
AA019982.....	4
CT020180.....	13
CT020181.....	13
CT020182.....	13
CT020183.....	13
CT020184.....	13
OPCT150CTS.....	14
OPCT3FCB.....	14
OPCT3FCBJR.....	14
OPCT3FJB.....	14
OPCT3FJBJR.....	14
OPCT75S.....	14
OPCTCTS.....	14
OPCTCTSCLIP.....	14
OPCTFHU.....	14
OPCTFSJRP.....	14
OPCTFSP.....	14
OPCTS.....	14
OPCTSS.....	14
OVTM2038.....	10
VF002164.....	10

Loxcreen's Finishes

Loxcreen's finishes include anodized finishes, electrolytic coloring (2-step), chemical finishes, mechanical finishes and liquid paint.

Loxcreen uses a sulfuric anodizing process. This is the most common process and it produces thin films suitable as pretreatment for organic and inorganic coatings.

Electrolytic coloring or 2-step anodizing is a two-step process. In the first step, the extrusion is clear anodized using conventional sulfuric anodizing. In the second step, the color is electrolytically deposited into the anodic pores. Colors range from champagne to black. 2-Step finish is much more resistant to fading than conventional color anodizing; however some variation in color is unavoidable because of process variables.

Our chemical finishes yield a matte or satin surface appearance (etched), or a bright mirror-like finish (bright dip).

Loxcreen's standard liquid coating is an acrylic paint. The aluminum extrusion is cleaned and treated with a conversion coating. The paint is then electrostatically applied and cured in a high temp oven. It is typically applied in a single coat and has excellent application and mar-resistant properties. Polycron, which is a polyester coating, is also available. Polyester coatings are high solid, meaning they typically contain 55 to 70 percent solids. Acrylic solids ratio is 40 percent. Both coatings have a dry film thickness of 0.8 to 1.2 mils.

Loxcreen's Anodic Coating Designations:

<u>Designation</u>	<u>Film Thickness</u>
200	.15 mils
201	.20 mils
202	.30 mils
Class II	.40 mils
Class I	.70 mils

Note: Class I and Class II are compliant to AAMA Specification 611.98

Loxcreen's Liquid Acrylic Coating:

<u>Specification</u>	<u>Dry Film Thickness</u>
AAMA2603-02	.80 mils minimum

Loxcreen Tempers

T-1: Cooled from an elevated temperature and naturally aged to a substantially stable condition. Applies to products for which the rate of cooling from an elevated temperature, such as casting or extrusion, is such that their strength is increased by room temperature aging.

T-4: Solution heat-treated and naturally aged to a substantially stable condition. Applies to products that are not cold worked after solution heat-treatment, or in which the effect of cold work in flattening or straightening may not be recognized in mechanical property limits.

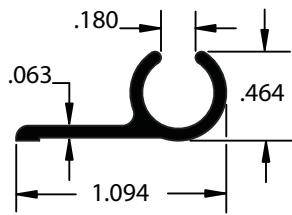
T-5: Cooled from an elevated temperature and then artificially aged. Applies to products that are cooled from an elevated temperature, such as casting or extrusion, and then artificially aged to improve mechanical properties or dimensional stability or both.

T-6: Solution heat-treated and then artificially aged. Applies to products that are not cold worked after solution heat-treatment, or in which the effect of cold work in flattening or straightening may not be recognized in mechanical property limits.

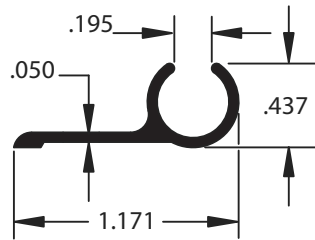
T-52: Cooled from an elevated temperature and artificially aged at an elevated temperature to produce a controlled temper range, typically used in bending or forming operations

Note: Color variation is inherent in the anodizing process. Some finishes are not colorfast. Consider end use (inside or outside) when selecting a finish.

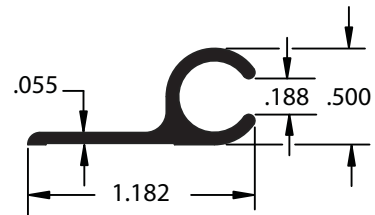
Aluminum Awning Rail



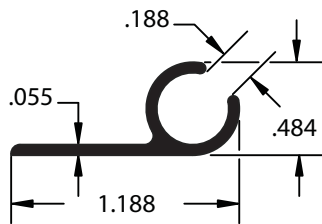
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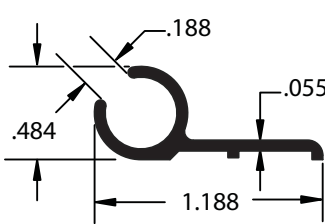
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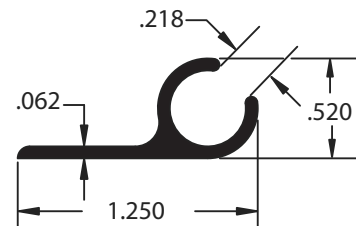
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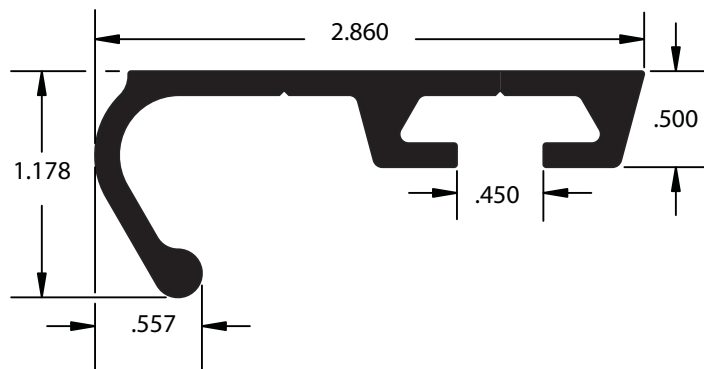
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AA001561** _ _ _ _ ..



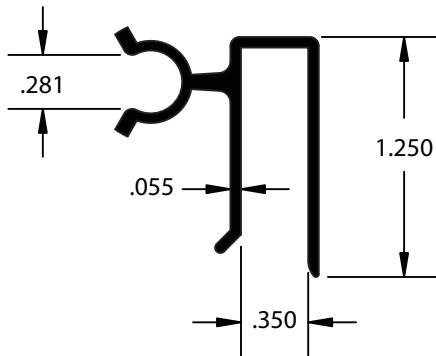
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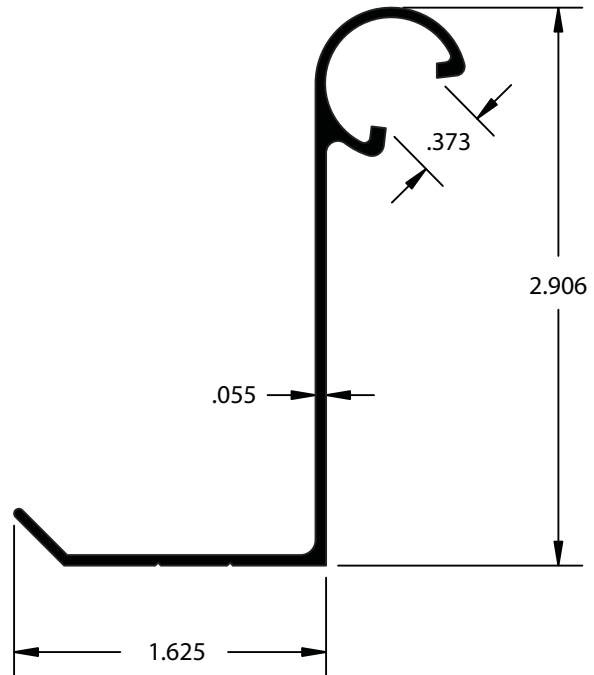
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Aluminum Awning Rail



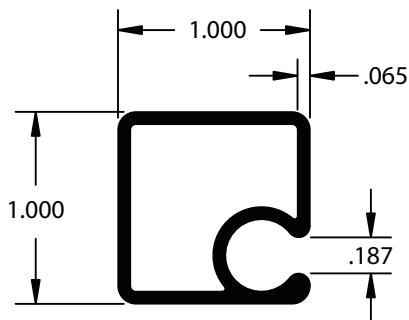
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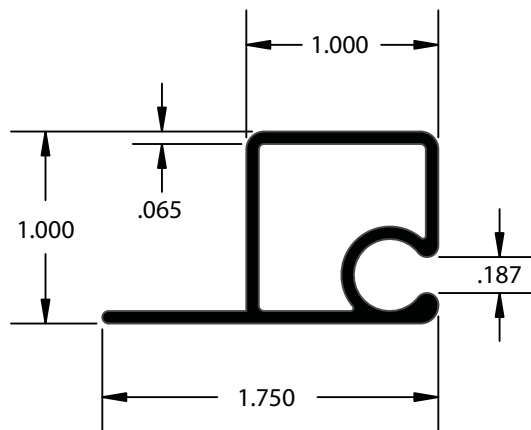
AA007351 ** _ _ _ _ ..

Note: AA007350 & AA007351 mate.

Aluminum Tube Square



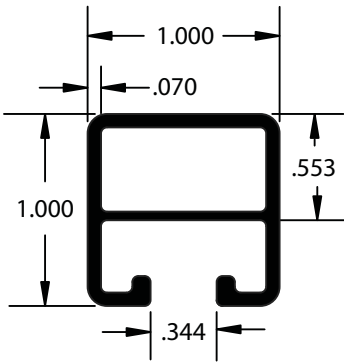
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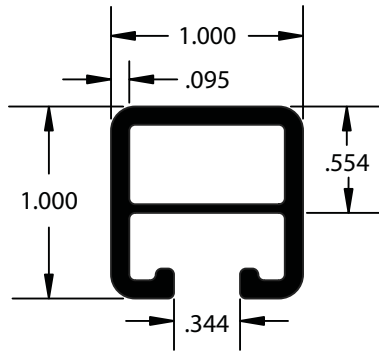
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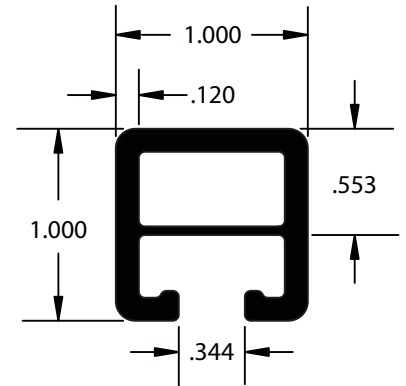
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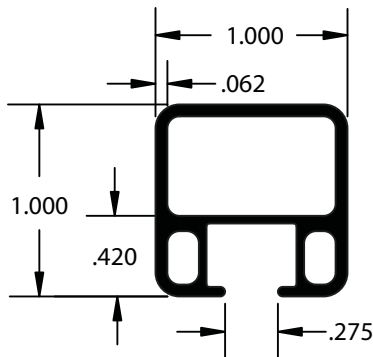
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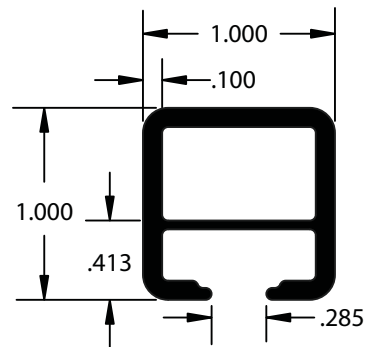
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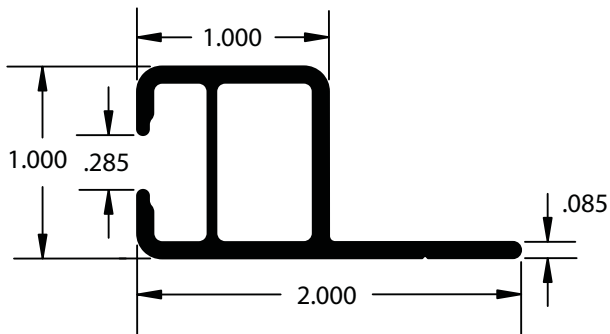
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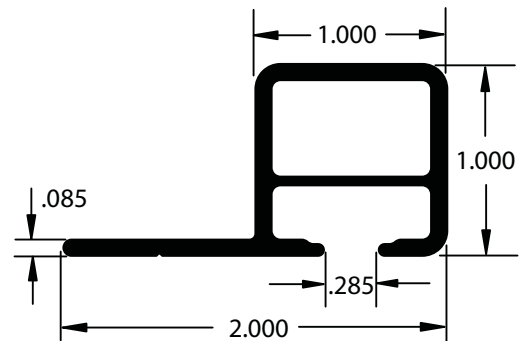
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Insert VF002164



AA013080 ** _ _ _ _
Insert VF002164



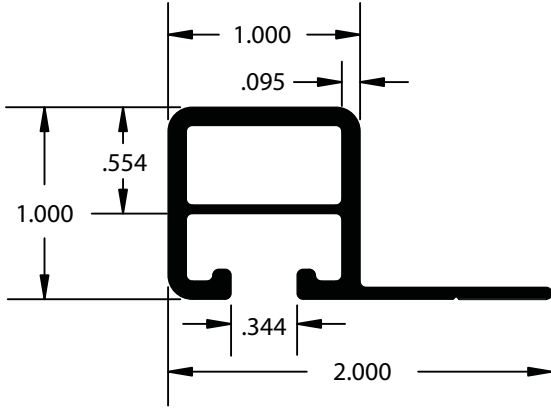
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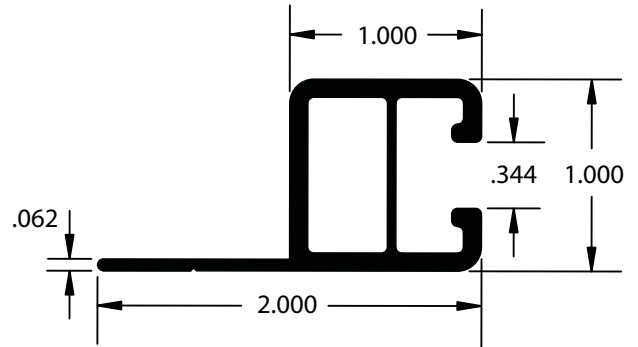
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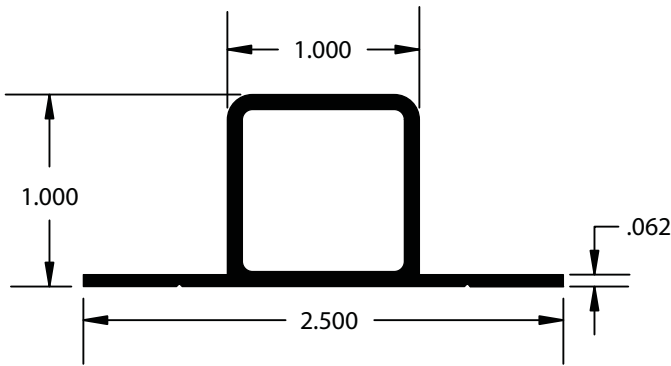
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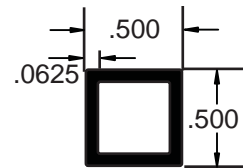
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flange .062
Insert OVTM2038



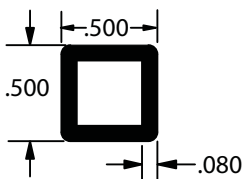
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Insert OVTM2038



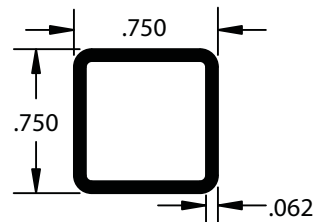
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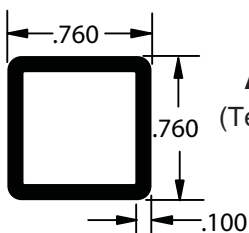
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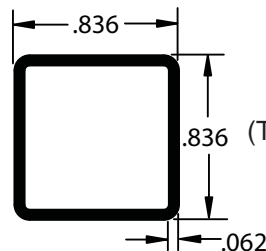
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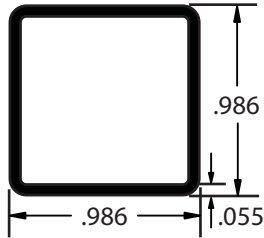
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(Telescopes with AA011154
Page 5)



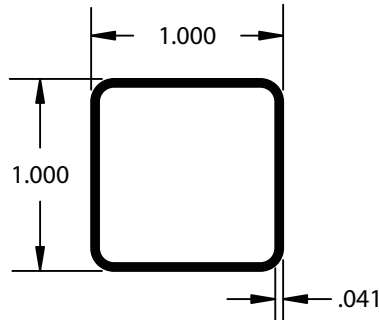
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(Telescopes with AA009215
Page 5)

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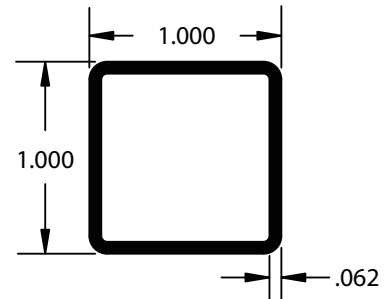
Aluminum Tube Square



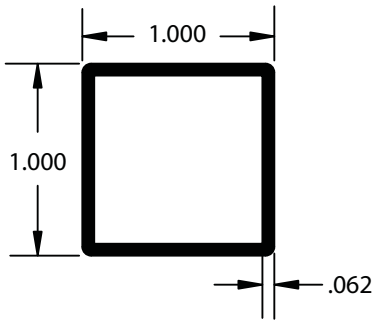
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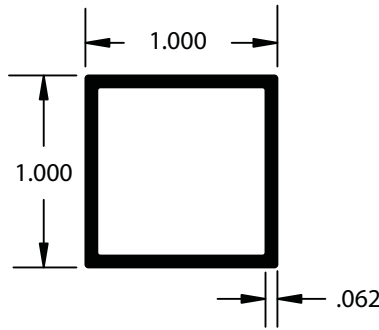
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(Mates with AA013534 page 11)



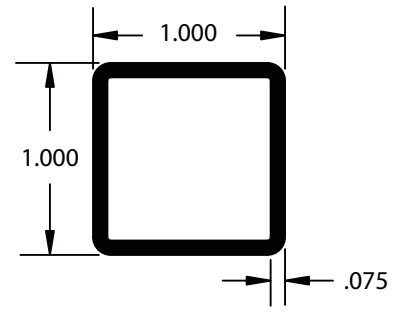
AA009215 ** _ _ _ _ ..
(Telescopes with AA014879
Page 5)



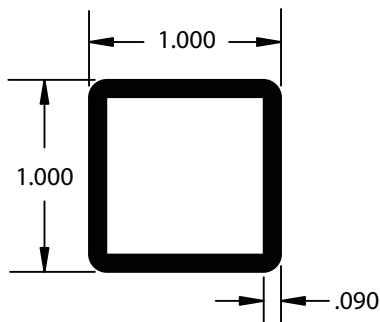
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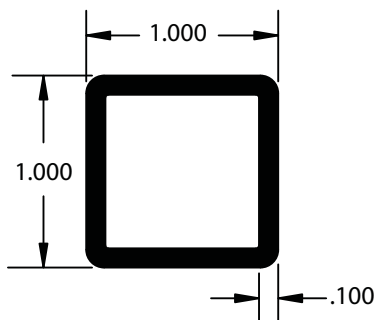
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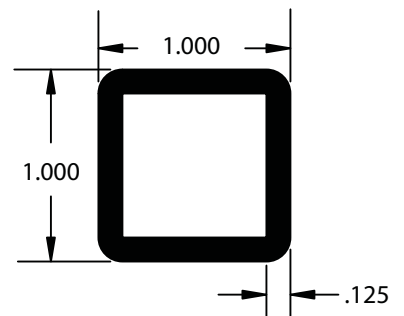
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AA016908 ** _ _ _ _ ..



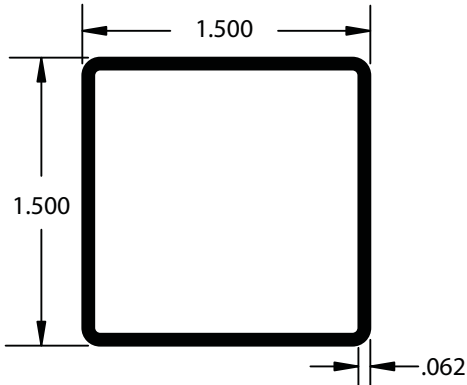
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(Telescopes with AA014880
Page 4)



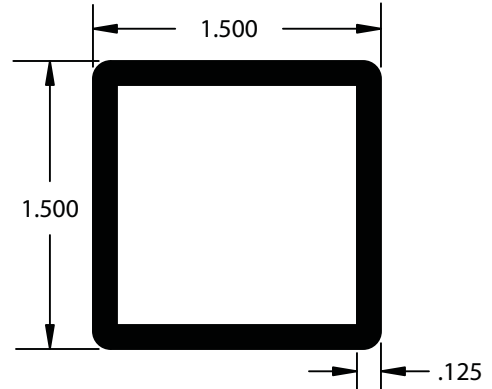
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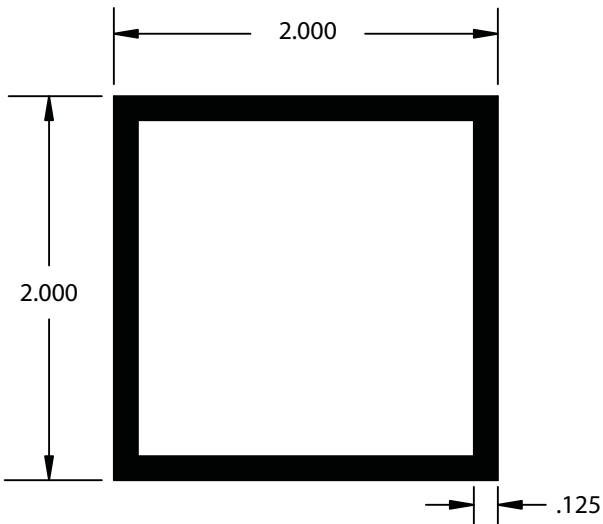
Aluminum Tube Square



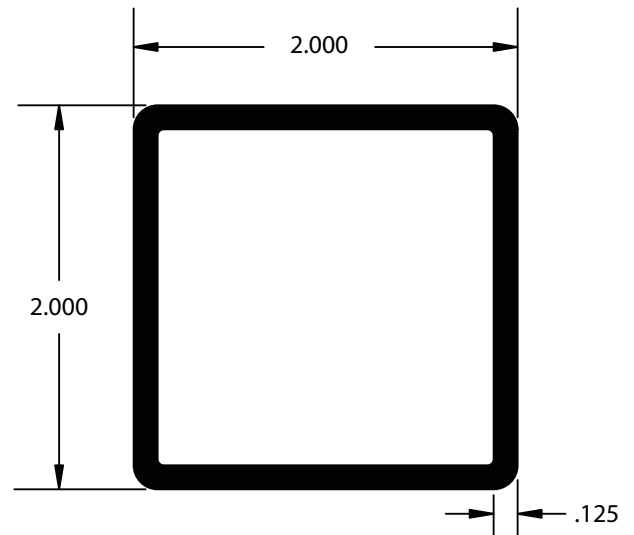
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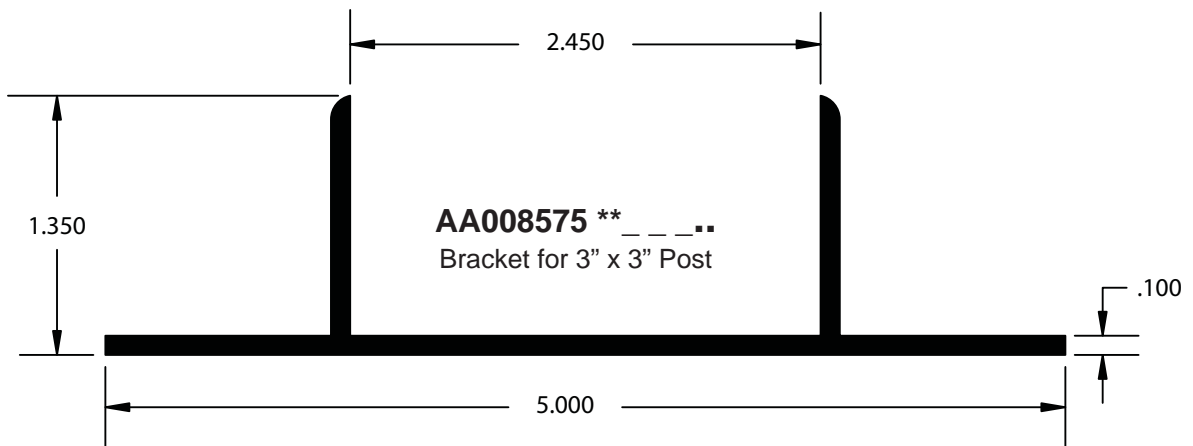
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AA008123 ** _ _ _ _ ..



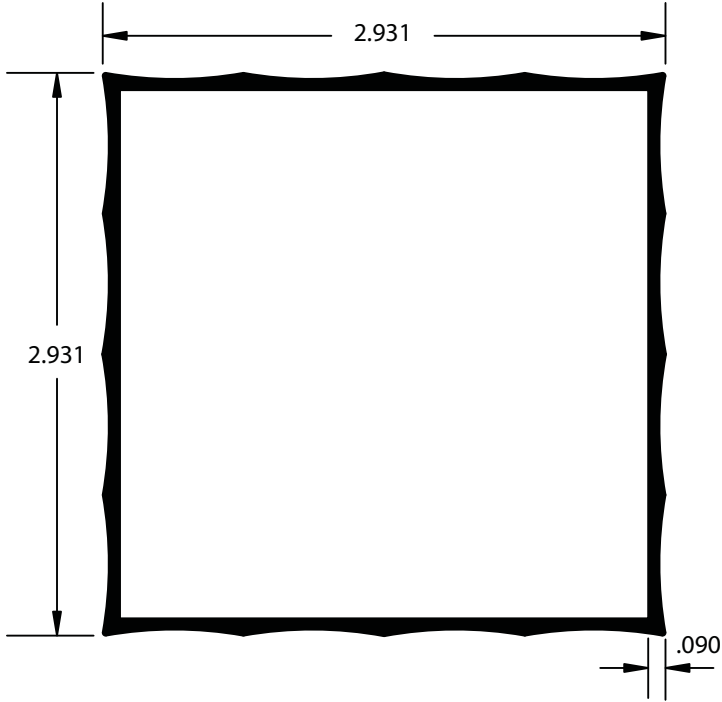
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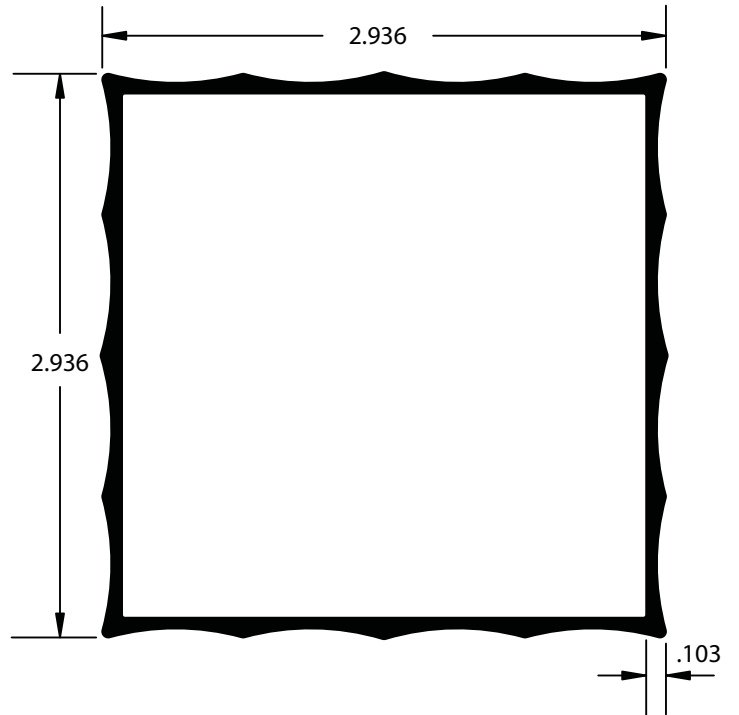
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Bracket for 3" x 3" Post

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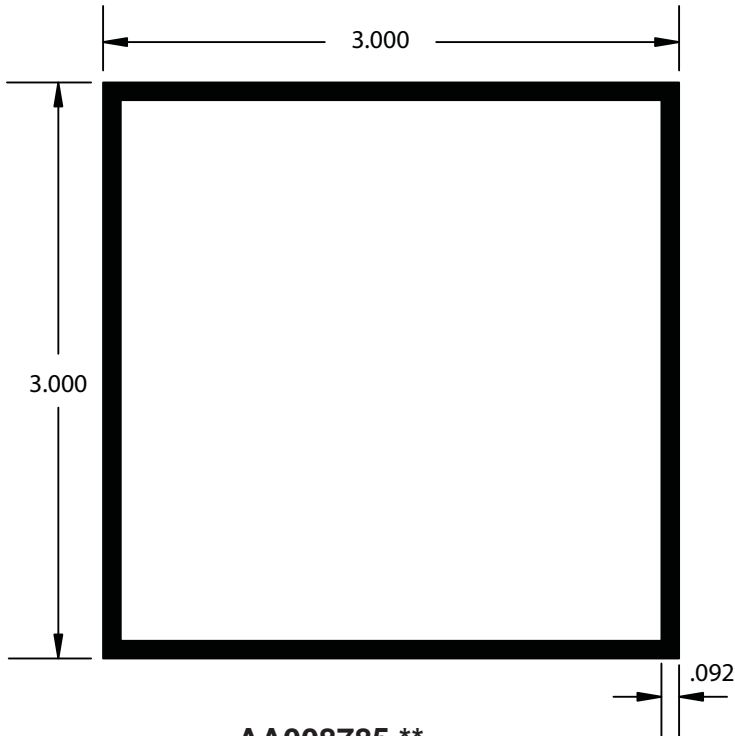
Aluminum Tube Square



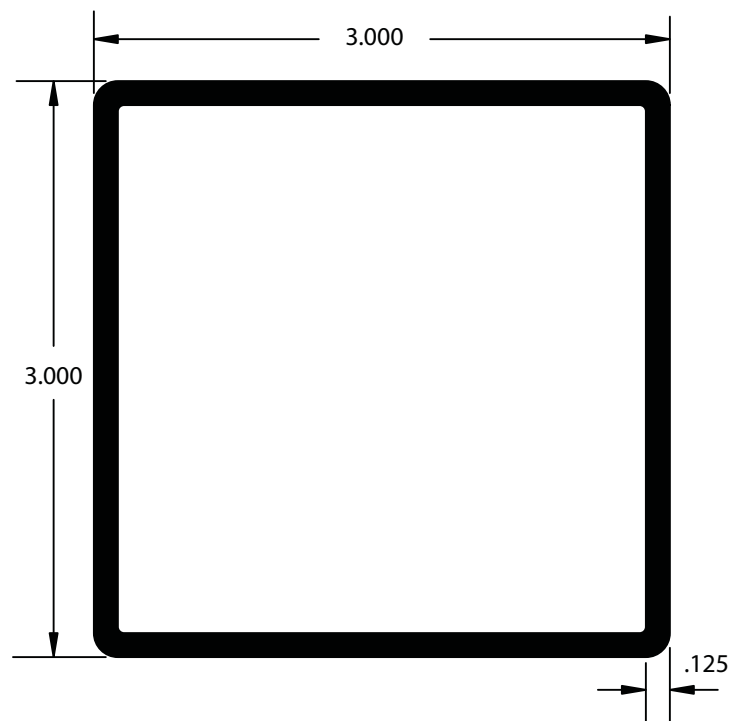
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AA015095 ** _ _ _ _ ..



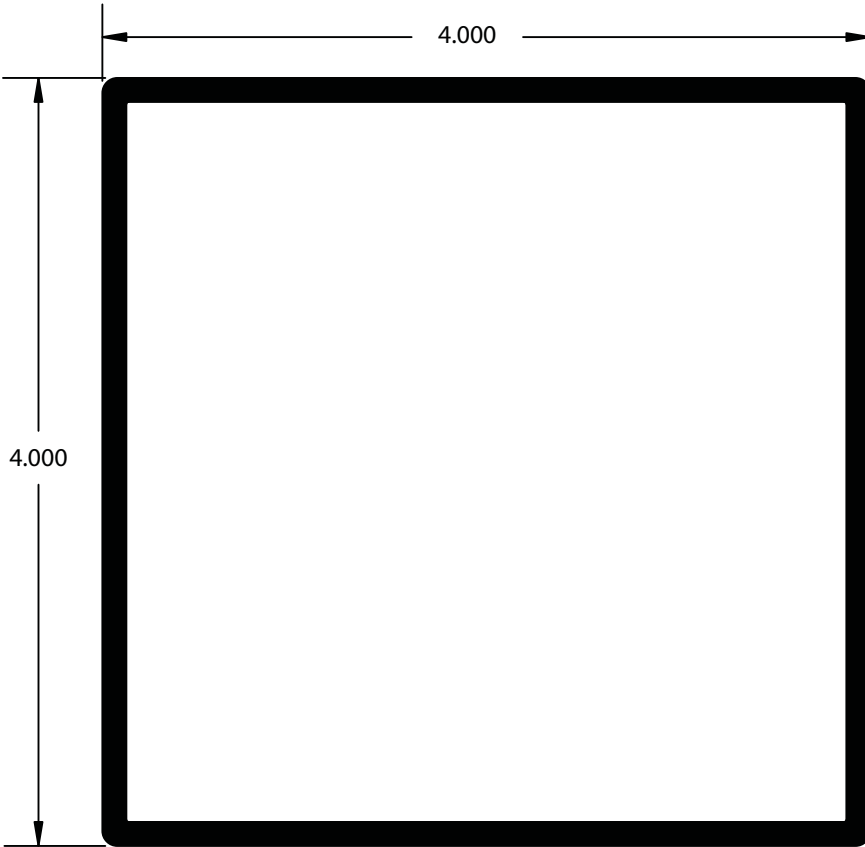
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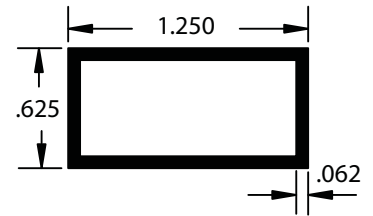
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Aluminum Tube



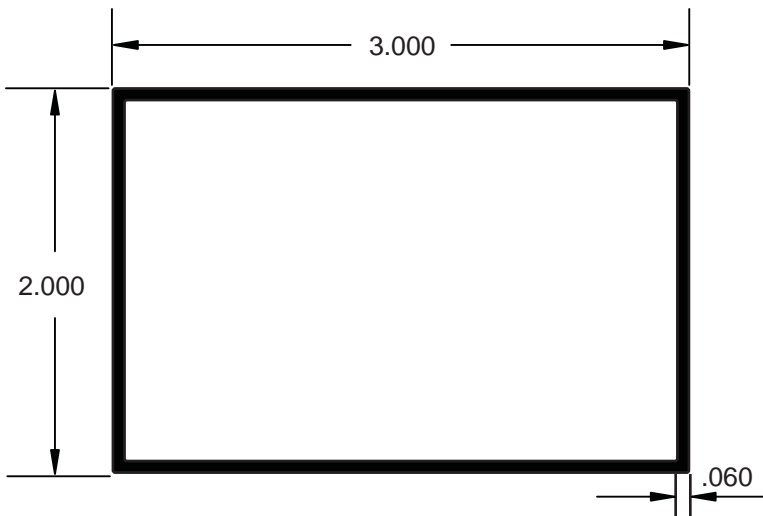
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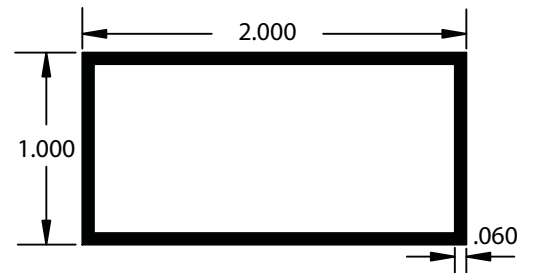
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AA002894 ** _ _ _ _ ..



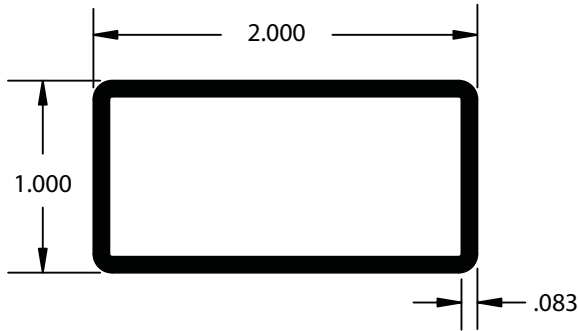
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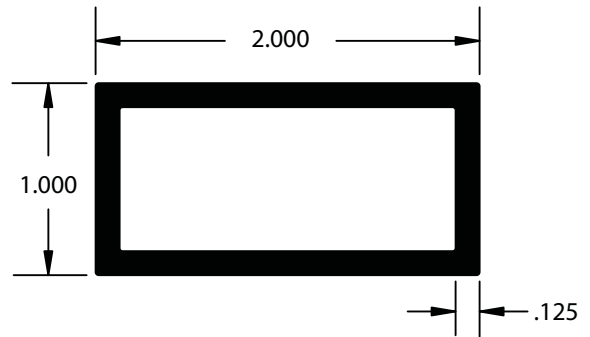
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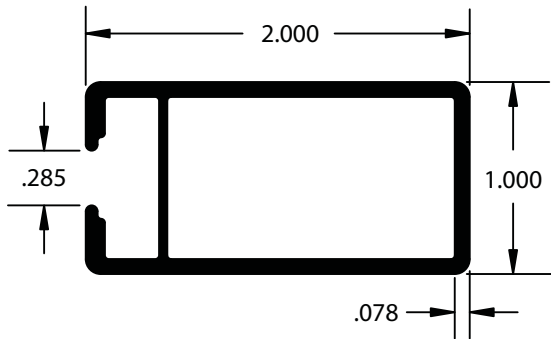
Aluminum Tube Square



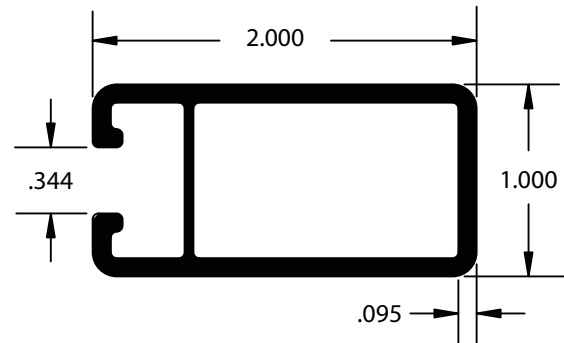
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Radius



AA008168 ** _ _ _ . . .

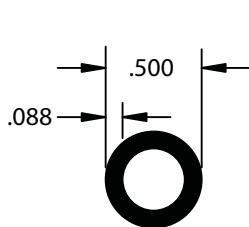


AA018145 ** _ _ _ . . .
Insert VF002164

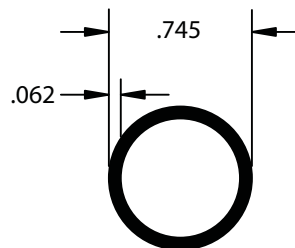


AA015550 ** _ _ _ . . .
Insert OVTM2038

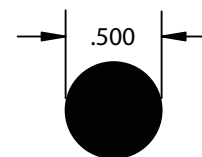
Aluminum Tube (Round) & Rod



AA013109 ** _ _ _ . . .



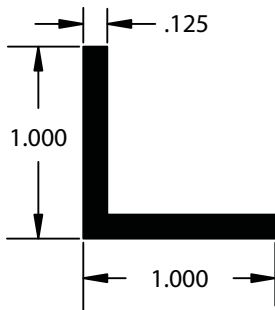
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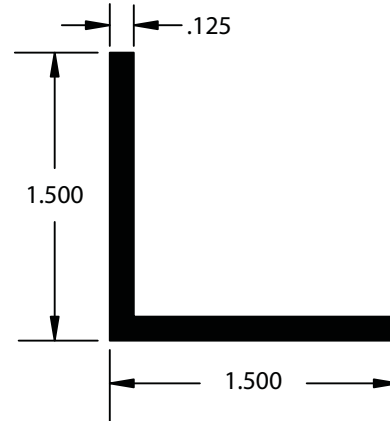
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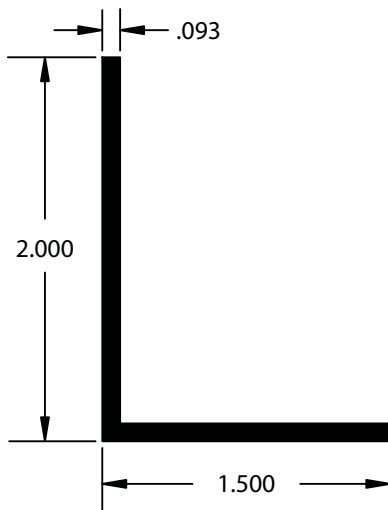
Extruded Aluminum Angles



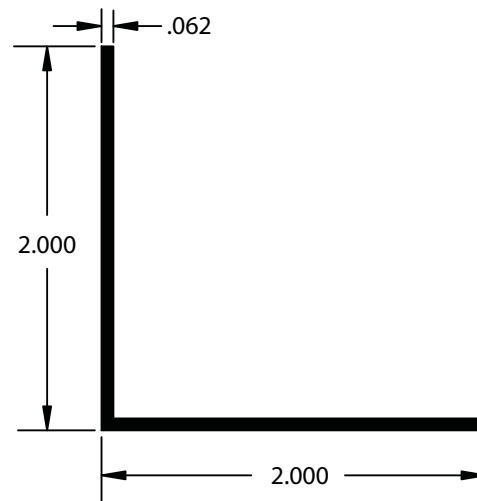
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AA000421 ** _ _ _ _ ..

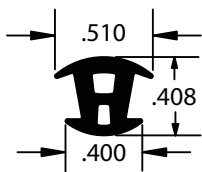


AA002250 ** _ _ _ _ ..



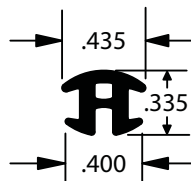
AA002215 ** _ _ _ _ ..

Vinyl Tee Moulding



OVTM2038 ** _ _ _ _ ..

Use with AA15551, AA015552,
AA015555, AA015554,
AA015553, AA015550



VF002164 ** _ _ _ _ ..

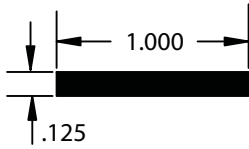
Use with AA13080,
AA013803, AA013804,
AA018145, AA018152

Colors: OVTM2038 = Red, White, Black, Brown, Terra Cotta, Orange, Burgundy, Yellow, Bone, Light Green, Green,
Dark Blue, Blue, Aqua, Turquoise, Gray, Clear

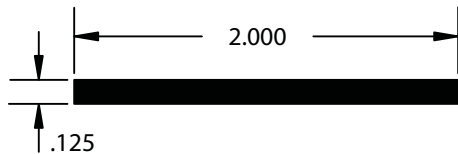
VF002164 = Black, Red, White, Yellow, Burgundy, Hunter Green, Royal Blue

** = Color
_ _ _ _ = Length
.. = Drill Code

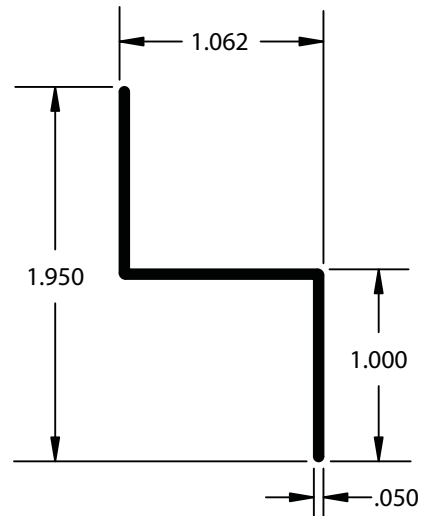
Miscellaneous Aluminum Shapes



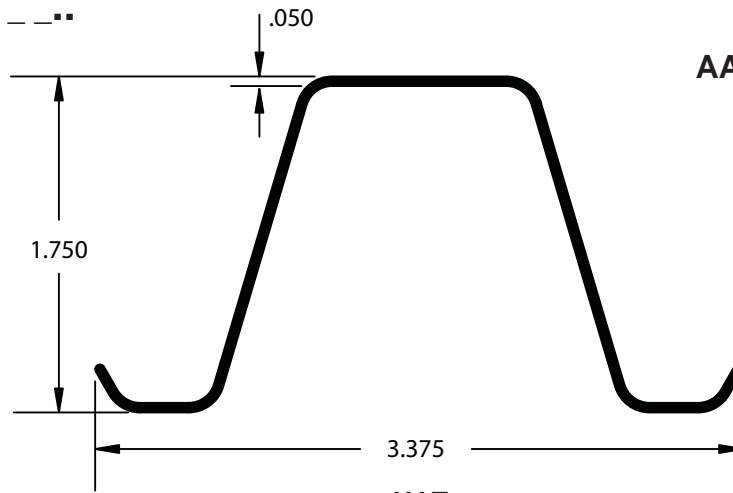
BAR
AA000219 ** _ _ _ _ ..



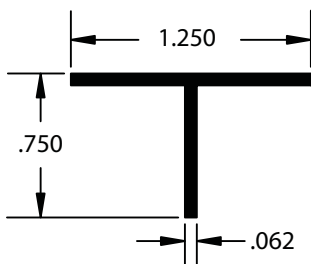
BAR
AA000218 ** _ _ _ _ ..



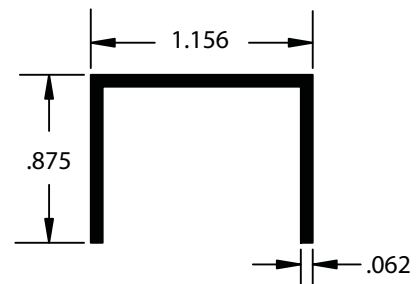
1" Z-CLIP
AA016689 ** _ _ _ _ ..



HAT
AA011701 ** _ _ _ _ ..



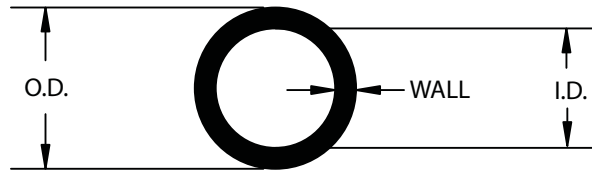
TEE
AA011177 ** _ _ _ _ ..



CHANNEL
AA013534 ** _ _ _ _ ..
(Mates with AA005273 Page 5)

** = Color
_ _ _ _ = Length
.. = Drill Code

Extruded Aluminum Angles

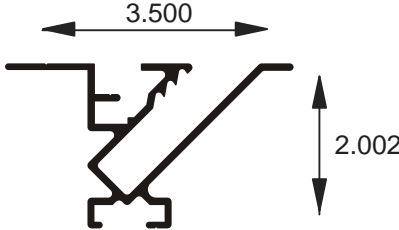
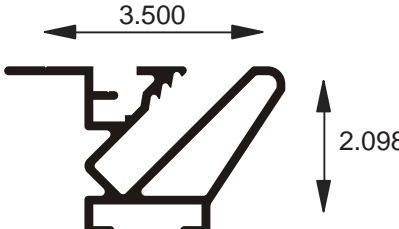
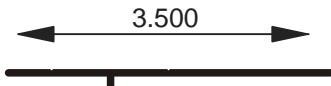
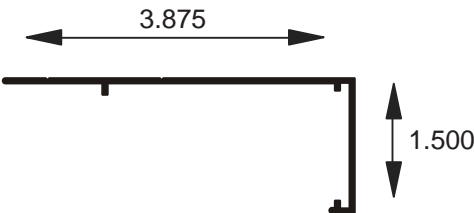
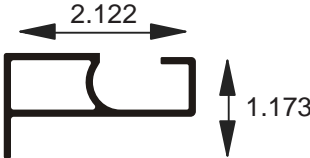


DIE NO.	Nom. Pipe Size (Inches)	O.D. (Inches)	Sched. No.	I.D. (Inches)	Wall Thick (Inches)	Nom. Wgt. Per Linear Foot	Perimeter
AA002198	1/2	.840	40	.622	.109	.300	4.593
AA008105	3/4	1.050	40	.824	.113	.400	5.891
AA008116	1	1.315	40	1.049	.133	.593	7.430
AA008261	1	1.315	80	.957	.179	.767	7.140
AA008243	1 1/4	1.660	10	1.442	.109	.637	9.750
AA008107	1 1/4	1.660	40	1.380	.140	.803	9.550
AA014429	1 1/2	1.900	10	1.682	.109	.736	11.250
AA008108	1 1/2	1.900	40	1.610	.145	.960	11.030
AA007184	2	2.375	10	2.157	.109	.931	14.240
AA008109	2	2.375	40	2.067	.154	1.290	13.950
AA008170	2 1/2	2.875	40	2.469	.203	2.045	16.790
AA008118	3	3.500	40	3.068	.216	2.674	20.640

Signtech Extrusions & Components

Flex Face System

Frame Extrusions

Description	Part Number
	CTS Frame CT020184
	CTS Hammer Frame CT020183
	CTS Frameless Cover CT020181
	CTS 1-1/2in./38/1mm Frame Cover CT020182
	Hinge Adaptor CT020180

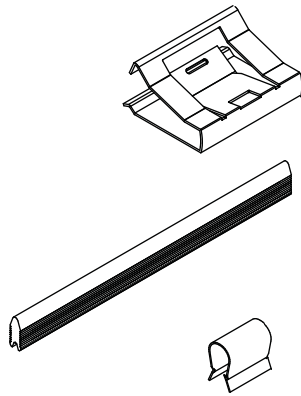
A Flex Face Sign System offered by Loxcreen MetalSource

www.loxcreen.com

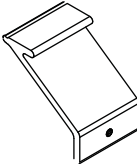
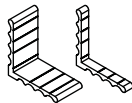
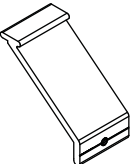
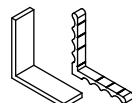
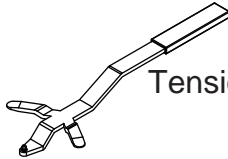
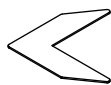


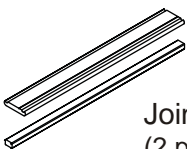

Signtech Extrusions & Components

Flex Face System

Components



Description	Part Number
CTS Clip 250 pcs.	OPCTCTSLIP
CTS Bar (5" piece) 250 pcs.	OPCTCTS
Teeth Clips 500 pcs.	OPCTFHU

Description	Part Number	Description	Part Number
 Frame Support 50 pcs.	OPCTFSP	 Corner Bracket (2 per corner) 100 sets	OPCT3FCB
 Frame Support Jr. 1 - 1/2in. CTS Frame 50 pcs.	OPCTFSJRP	 Corner Bracket (2 per corner) 100 sets	OPCT3FCBJR
 Tension Tool	OPCTS	 Corner Bracket (1 - 1/2in. Frame) 100 sets	OPCT150CTS
 Socket Screw - Closure 1000 pcs.	OPCTSS	 Socket Screw - Hinge (#10x5/8in./15.88mm pan head) 1000 pcs.	OPCT75S
 Joiner Bracket (2 per joint) 20 sets	OPCT3FJB	 Joiner Bracket (2 per joint) 20 sets	OPCT3FBJR

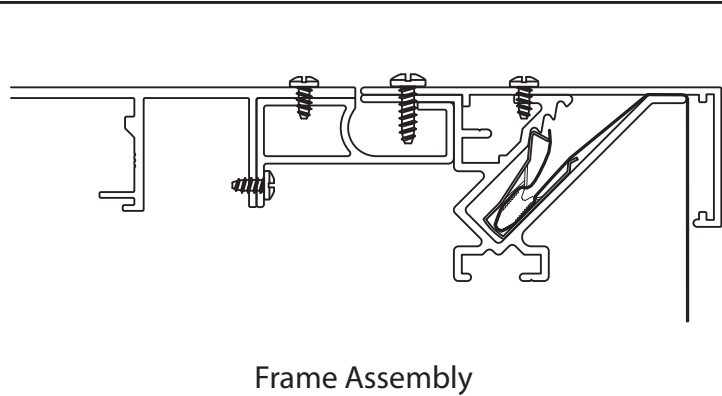
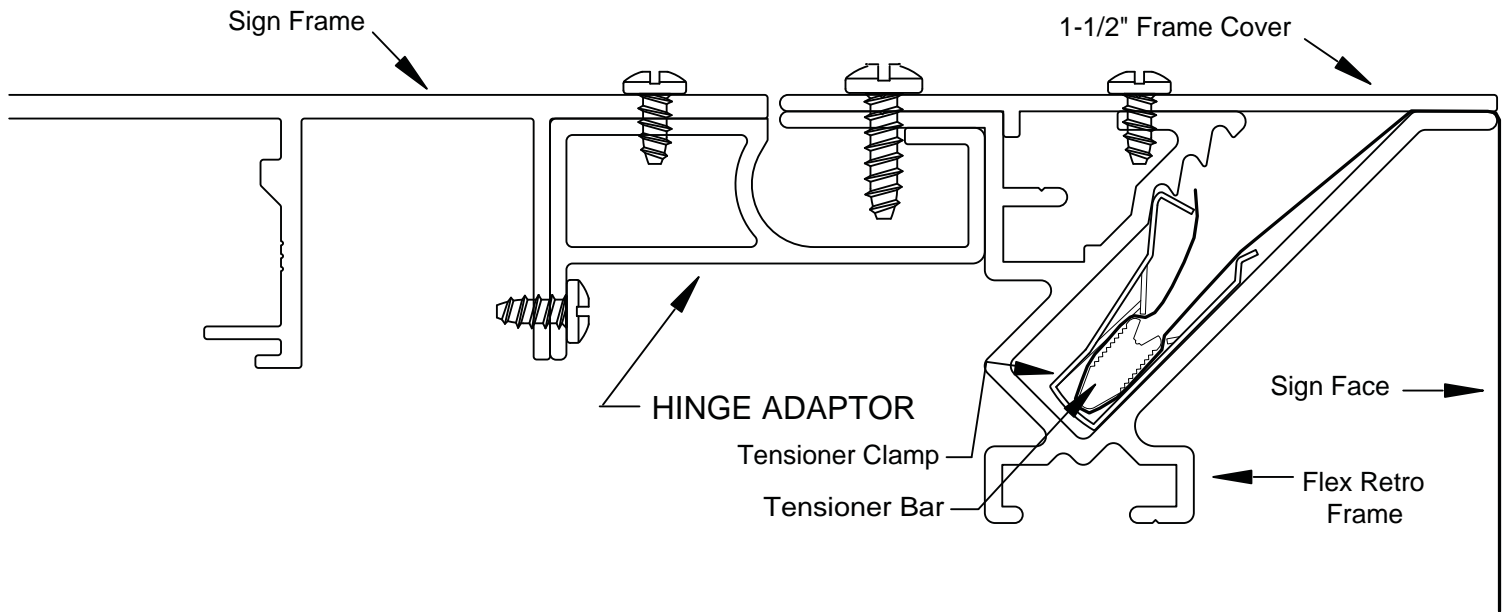
A Flex Face Sign System offered by Loxcreen MetalSource

www.loxcreen.com

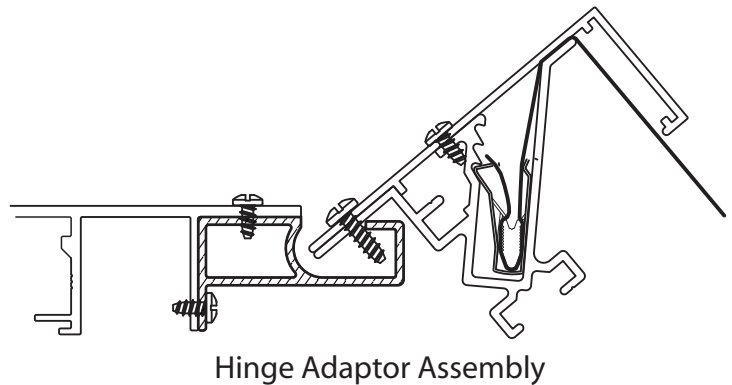
Signtech Extrusions & Components

Flex Face System

Frameless (Bleed) Assembly



Frame Assembly



Hinge Adaptor Assembly

A Flex Face Sign System offered by Loxcreen MetalSource

www.loxcreen.com

Terms & Conditions

1. CONTRACT BETWEEN BUYER AND SELLER: A written order and acknowledgment shall constitute the contract between Buyer and Seller, and said Contract may not be amended or rescinded except by written agreement by both parties, referring expressly to this contract.

2. WARRANTY: Seller warrants that merchandise sold to Buyer shall be free from defects in material and workmanship and shall conform to specifications. **EXCEPT FOR SUCH WARRANTY, THE SELLER DISCLAIMS ANY AND ALL OTHER WARRANTIES OF ANY KIND WHATSOEVER, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE AND INCLUDING BUT NOT LIMITED TO ANY ORAL OR WRITTEN DESCRIPTION OF THE PRODUCTS, THEIR CHARACTERISTICS OR PROPERTIES OTHER THAN THAT SPECIFICALLY STATED IN THE FOREGOING LIMITED WARRANTY. SELLER SHALL HAVE NO LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES AS A RESULT OF THE SALE OF ITS MERCHANDISE.** In the event that its merchandise is not as warranted, Buyer's sole remedy will be, at Seller's election, replacement of the merchandise or return of the purchase price. Prior written approval from the Seller must be secured before returning any merchandise for credit.

3. TOLERANCES: Standard Commercial tolerances apply unless otherwise specified.

4. PRICE: Prices are based on existing conditions and are subject to change, at our discretion, at any time prior to order shipment. Unless otherwise specified, all prices are based on quantity shipped per release, with Buyer accepting over-run or under-run on each individual item based on standard shipping tolerances. Exact control of quantity shipped must be specified as a requirement of said contract.

5. CREDIT: All shipments shall be subject to the approval of Seller's Credit Department. If, in the sole judgment of the Seller, the financial responsibility of the Buyer is unsatisfactory, or becomes impaired, or if Buyer fails to make any payment in accordance with the terms of the contract, then Seller may defer or decline to make any shipments except upon receipt of satisfactory security or cash payments in advance, or Seller may terminate the contract.

6. TAXES: All prices are subject to the net additions of all Federal, State, or Municipal taxes or charges which may be established or levied upon or assessed against the merchandise under contract.

7. SHIPMENTS: Unless otherwise specified, title to all merchandise, and the risk of loss, shall pass to the Buyer upon delivery by the Seller to the transportation carrier at the shipping point or the actual transfer of possession to the Buyer, whichever is earlier.

8. DELAYS: Seller cannot be held liable for loss or damage arising from delay in fulfilling or failure to fulfill any accepted order in accordance with its terms where such delay or failure is caused by shortage of materials, delays of carriers, embargoes, fires, floods, strikes, riots, wars, acts of God, or other causes beyond our control.

9. RETURNED MATERIAL AUTHORIZATION: Seller must be notified within 10 days after delivery of Buyer's request to return merchandise. Upon receipt of Seller's authorization, merchandise must be returned within 30 days in accordance with Seller's shipping instructions. Merchandise must be returned in exactly the same condition as in which it was received by Buyer. Handling and restocking fees will be charged to Buyer's account.

10. CANCELLATION: Said contract is subject to cancellation only upon Seller's acceptance of such cancellation in writing and the effective date of cancellation shall be the date of such acceptance. Payment of cancellation charges shall be made by Buyer upon receipt of statement of same. Cancellation charges shall not exceed the purchase price of the canceled portion of the contract.

11. EQUIPMENT: Any equipment (including jigs, process dies and tools, etc.) which Seller constructs or acquires specifically for use on Buyer's order shall be the sole property of Seller, whether or not they are charged to Buyer's account. Die charges are for exclusive use of extrusion tooling and are not subject to refund. Dies which indicate no activity for two years or more will be scrapped without notice and replacement cost will be for Buyer's account.

12. PATENT PROTECTION: Seller agrees to indemnify Buyer against any claims or liabilities for or by reason of alleged patent infringement arising from the manufacture or sale of any merchandise furnished Buyer hereunder, except where the specifications, process, design or method of manufacture originated with Buyer, in which event Buyer agrees to indemnify Seller in like manner.

THE *Loxcreen* COMPANY, INC.

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Corporate Office

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